



### west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

November 21, 2012

## WELL WORK PERMIT Brine Disposal / Convert

This permit, API Well Number: 47-9703737, issued to MOUNTAIN V OIL & GAS, INC., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin

Chief

Operator's Well No: HAUN 1

Farm Name: MCDANIELS, ROLLEN B, & LEW

**API Well Number: 47-9703737** 

Permit Type: Brine Disposal / Convert

Date Issued: 11/21/2012

Promoting a healthy environment.

WW - 2B (Rev. 8/10)

### STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Operat	or <u>Moun</u>	tain V Oil & Ga	s, Inc.	310020	Upshur	Meade	Rock Cave 7.5'
			- 100	Operator ID	County	District	Quadrangle
2) Operator's V	Vell Numb	er: <b>Haun #1-D</b>		· · · · · · · · · · · · · · · · · · ·	. Elevat	ion: <b>2368'</b>	
	a) Oil b) If Gas:	or Gas Production <b>Deep</b>		Underg	ground St	orage	<u></u> .
<ul><li>6) Proposed To</li><li>7) Approximate</li></ul>	otal Depth e fresh wa	nation(s): <u>Marc</u> : <u>7350'</u> Feet F ter strata depths r depths:	ormations: <u><b>60'</b> </u>	Propo n at Propose	sed Targe ed Total D	et Depth: _ epth: <u>Mar</u>	cellus
9) Approximate	e coal sea	m depths:	200'				
10) Approxima	te void de	pths, (coal, kars	t, other):	None			****
11) Does land	contain co	al seams tributa	ary to act	tive mine?	No	)	-
12) Describe p	roposed w	vell work in Deta		o convert e disposal w			PI 47-09703737 into
13)		CASING A	AND THE	RING PROG	RAM		

TYPE S	SPECIFIC	ATIONS		FOOTAGE	INTERVALS	CEMENT
	<u>Size</u>	<u>Grade</u>	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	13 3/8"			42'	42'	Sand
Fresh Water	9 5/8"			300'	300'	CTS or 35 CSR 18 – 11.1
Coal			Bill	Hatteld	10/5/2012	
Intermediate	7"			02200'	2200'	CTS or 35 CSR 18 – 11.1
Production	4 <sup>1</sup> /2 <sup>33</sup>			7300'	7000'	CTS or 35 CSEGEIVED
Tubing	2 3/8"	J-55	4.6		7,651'	Mice of Oil & Gas
Liners						OCT 1 1 20.2

Packers:

Kind Tension

Sizes 2 3/8" x 4 1/2"

Depths Set <u>7,691'</u>

WW2-A (Rev. 6-07) 1) Date: March 23, 2012

2) Operator's Well Number

State

Haun #1-

3) API Well No.: 47 -

097 County 03737 Permit

**STATE OF WEST VIRGINIA** 

# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) 0 6 0				ELL WORK PERMIT
•	ner(s) to be serv		5) (a) Coal	Operator
(a) Name	**See Attached		_ Name	
Address	Persons to be	Served	_ Address	
(b) Name			(b) Coal O	wner(s) with Declaration
Address			− Name <sup>\</sup>	√ √ James & Nelda Haun
			- Address	PO Box 127
(c) Name			_	Carolina, WV 26563-0127
Àddress			- Name	
			Address	
6) Inspector	Bill Hatfield		(c) Coal Less	ee with Declaration
Address	P.O. Box 522		_ (0) 000 = 2000 Name	
/ (dd/ 000	Buckhannon, W	/V 26201	Address	
Telephone	304-767-1828			
тогориотго		ERSONS NAM	_ IED ABOVE TA	AKE NOTICE THAT:
Included is the				ts by which I hold the right to extract oil and gas
I have real issued under this I certify uthis application for obtaining the information I am award imprisonment.	Personal Service  Personal Service Certified Mail (I Publication (No ad and understand C application. Inder penalty of law arm and all attachmentation, I believe that there are significant sea.	panying documer ce (Affidavit attack Postmarked postactice of Publication Chapter 22-6 and that I have personant the information inificant penalties Well Operator	nts pages 1 throughed) al receipt attached) a attached) 35 CSR 4, and I broally examined are sed on my inquiry is true, accurate are for submitting fals	agree to the terms and conditions of any permit and am familiar with the information submitted on of those individuals immediately responsible for a complete.  e information, including the possibility of fine and
	NOTARY PUBLIC	By:	Mike Shaver '/	1/Am
THE STATE OF THE S	James D. Andrews Buckhannon, WV	Its:	President //	<u> </u>
Sky Commit	isibn Expires February 15, 2018	Address	P.O. Box 470	26220
	annanna an	Telephone	(304) 842-6320	RECEIVED
Subscribed and su	worn beforeme this	1969 day of	Septem 6	Office State  Notary Public
My Commission E	xpires 2	-15-2018		<del></del>
Oil and Gas Privacy	Notice		_	SEP 2 1 2012
The office of Oil and	Gas Processes your pe	ersonal information,	such as name, addre	ss and phone number, as a part of our regulatory duties.

The office of Oil and Gas Processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please comply the propriately secure.

WW2-A (Continued)	1) Date: <u>March 23, 2012</u>
(Rev. 6-07)	2) Operator's Well Number: Haun #1
	State - County - Permit
	3) API Well No.: <u>47 - 097 - 03737.</u>

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

### NOTICE AND APPLICATION FOR A WELL WORK PERMIT

#### 4) Surface Owners to be served:

Rollen B. & LeWanna J. McDaniels 347 West Main Street Grafton, WV 26354

Lester L. Detweiler, Sr. & Jr. 16790 Peters Rd. Middlefield, OH 44062

Walter & Brenda Depoy RR 2 Box 104 Adrian, WV 26210

Clifton L. Shaw HC 78 Box 132 Rock Cave, WV 26234

Michael Shaw & Tiffany Shaw HC 78 Box 134-A Rock Cave, WV 26234

Junior L. Collins
HC 78 Box 133
Rock Cave, WV 26234

Rachel Sines & Leslie Sines RT 2 Box 74-1 French Creek, WV 26218

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Office of Oil & Gas

SEP % 1 2012

### INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.

Grantee, lessee, etc.

Royalty

Book/Page

James E. Haun & Nelda J. Haun

Mountain V Oil & Gas, Inc.

1/8

LB 81/385

### Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP,
Office of Oil and Gas, including but not limited to the following: Office of Oil & Gas Office of Oil and Gas, including but not limited to the following:

WV Division of Water and Waste Management

WV Division of Natural Resources WV Division of Highways

SEP 2 1 2012

- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Services
- County Floodplain Coordinator

WV Department of Environmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Mountain V Oil & /sas, Ing

By:

Mike Shaver

Its:

**President** 

# West Virginia Department of Environmental Protection Office of Oil and Gas

### NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

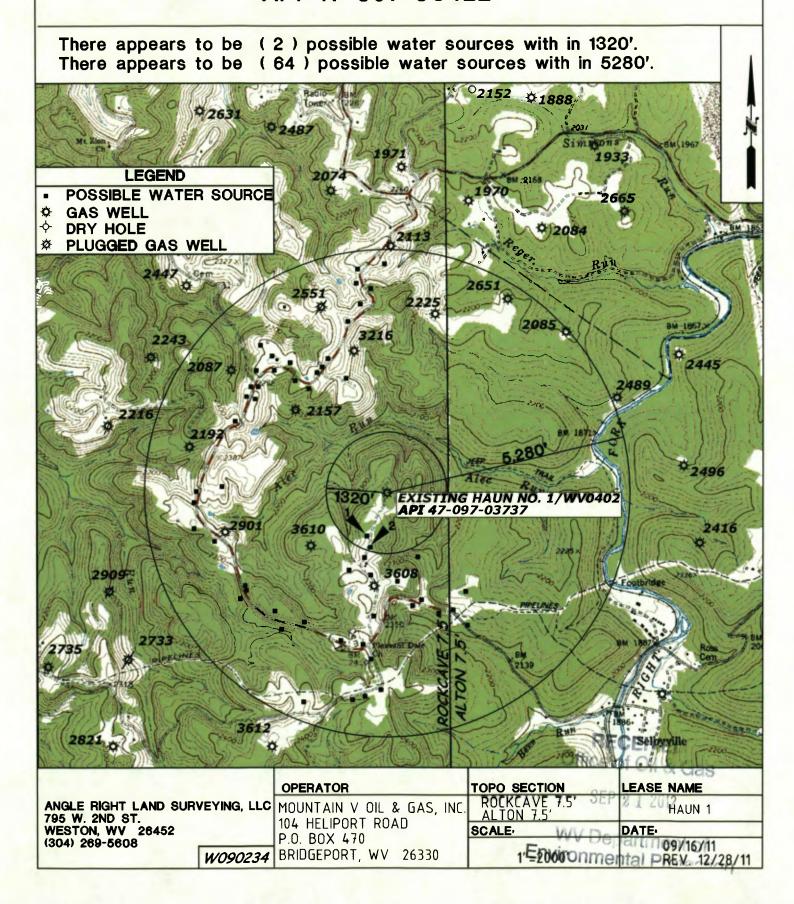
The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

XX	Contractor Name	Angle Right Land Surveying, LLC – Reliance Laboratories
	Well operator's pr	ivate laboratory
	Well Operator	Mountain V Oil & Gas, Inc.
	Address	P.O. Box 470
		Bridgeport, WV 26330
	Telephone	(304) 842-6320

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

Note: XX There appears to be no potable water sources within 1,320';	
Therefore, see attached note on baseline data collected De nartine	nt al
There appears to be() potable water sources within 15320;  Therefore, test will be offered and samples taken as required.	i 3å
Therefore, test will be offered and samples taken as required.	" oction

## EXISTING HAUN No.1 / WV0402 API 47-097-03422



### Angle Right Land Surveying LLC PO BOX 681 Grantsville,WV 26147

Mountain V Oil & Gas Inc. PO BOX 470 Bridgeport,WV 26330 Inv W090234 Haun 1' 2-8-12

Phone calls to landowners to schedule water sample testing.

Jessica Cogar

renter on Junior Collins property samples collected 1-16-12

Step out Test approx = 2000' from well site.

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## **RELIANCE LABORATORIES, INC.**

#### **ENVIRONMENTAL ANALYSTS AND CONSULTANTS**

BRIDGEPORT, WV

www.RelianceLabs.net

MARTINSBURG. WV

Certifications:

WV Department of Health #: 00354, 00433 | WV Department of Environmental Protection #: 158, 181 MD Department of Environment #: 336, 337 | US Environmental Protection Agency #: WV00042, WV00901

ANGLE RIGHT SURVEYING 1584 ROAD FORK ROAD

Monday, February 06, 2012

MRL

Page 2 of 2

P.O. BOX 681

GRANTSVILLE,

w

26147-

Value

Lab Number:

172802-2012-DW

Sample ID:

**COGAR** 

Method

Parameter

Units

Date/Time Analyzed Analyst

MCL

E. coli (Chromogenic)	Present		SM9223B	1/16/2012	16:21	C.Parker		
Total Coliform (Chromogenic)	Present		SM9223B	1/16/2012	16:21	C.Parker		
pH	6.31	S.U.	SM4500H+B	1/24/2012	12:56	A.Tonkery		
Total Alkalinity	6.02	mg/l	SM2320B	1/24/2012	12:56	A.Tonkery	2.81	
Total Chloride	3.80	mg/l	EPA 3.00.0	1/26/2012	6:11	M.Coffman	0.15	[250]
Total Dissolved Solids	32 ,	mg/l	SM 2540C	1/19/2012	11:45	C.Tomaro	10	[500]
Total Organic Carbon	0.52	mg/l	SM5310C	1/23/2012	9:00	A.Seitz	0.1	
Total Surfactant	ND	mg/l	SM5540C	1/18/2012	10:30	A.Tonkery	0.2	[0.5]
Turbidity	ND	N.T.U.	EPA 180.1	1/18/2012	10:25	A.Tonkery	0.22	
Total Aluminum	0.03	mg/l	EPA 200.7	2/3/2012	10:08	T.Hanshaw	0.04	[0.05]
Total Barium	ND	mg/l	EPA 200.7	2/3/2012	10:08	T.Hanshaw	0.05	2.0
Total Iron	0.03	mg/l	EPA 200.7	2/3/2012	10:08	Ţ.Hanshaw	0.01	[0.3]
Total Manganese	.ND	mg/l	EPA 200.7	2/3/2012	10:08	T.Hanshaw	0.01	[0.05]

### Remarks:

**Date Sample Collected:** 

01/16/2012

11:00

Sample Submitted By: **Date Sample Received:**  K SHREVE 1/16/2012

13:25

ND = Not Detected at the MDL or MRL

MDL - Minimum Detectable Limit

MCL - Maximum Contaminant Level, USEPA Regulated

MRL - Minimum Reporting Limit [MCL] = Maximum Contaminant Level. Non-Regulated SEP 2 1 2012

Office of Oil & Gas

MCL - Maximum Contaminant Level, USEPA Regulated [MCL] = maximum Contaminant Level, USEPA Regulated [MCL] = maximum Contaminant Level, Including Services, Including S

Regulations, adopted July 1, 2002 by the Bureau For Public Haaith. Sample Analyzed by Certified Laboratory #00354CM and #0044 NOTE: ND or Not Detected indicates that the analytical value obtained is below the minimum reportable limit (MRL) which is equivalent to the iowest standard utilized in preparation of the method calibration curve

Environmental Protection

RLJ.001

### Angle Right Land Surveying LLC PO BOX 681 Grantsville,WV 26147

Mountain V Oil & Gas INc. PO BOX 470 Bridgeport,WV 26330 W090234 Haun #1/WV0402 Water Samples 10-11-11

Phone call to landowner to scedule water testing.

Mrs. Depoy no water well on property( abandoned house)per phone 10-5-11 Lester Detweiler certified letter sent and decline testing (see attached)

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Office of Oil & Gas

SEP 2 1 2012



TO WHOM IT MAY CONCERN.

ON BEHALF OF MAY ON A SANGLE RIGHT LAND SURVEYING, LLC, HAS BEEN CONTRACTED TO TAKE CARE OF SOME OF THE PRELIMINARY PREPARATION WORK FOR A PROPOSED OIL AND GAS WELL PERMIT APPLICATION. THIS INCLUDES OBTAINING WATER WELL SAMPLES FROM SOME OF THE NEARBY RESIDENTS. COLLECTED SAMPLES WILL BE SENT OFF BY ANGLE RIGHT LAND SURVEYING LLC FOR TESTING BY AN INDEPENDENT LABORATORY.

DUE TO 1994 REGULATIONS SET BY THE STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, DEPARTMENT OF OIL AND GAS, OPERATORS ARE REQUIRED TO OFFER WATER WELL TESTING FOR WATER WELLS THAT FALL WITHIN 1000 FEET OF THE PROPOSED GAS/OIL WELL. THIS TEST WILL ONLY HELP INSURE THE WATER QUALITY CONTROL WHICH IN TURN BENEFITS YOU AS THE RESIDENT.

IF YOU ARE INTERESTED IN HAVING YOUR WATER TESTED BEFORE THE DRILLING PROCESS BEGINS PLEASE NOTIFY TERRY A. SHREVE AT THE ABOVE PHONE. PLEASE HAVE THIS LETTER WITH YOU AT THE TIME OF CONTACT SO THAT THE WELL NUMBER LISTED AT THE BOTTOM OF THE PAGE MAY BE REFERENCED. YOU WILL RECEIVE THE RESULTS FROM THE AFOREMENTIONED TEST BY MAIL AS SOON AS THE LABORATORY TEST IS RECEIVED BY ANGLE RIGHT LAND SURVEYING LLC.

THANK YOU FOR YOUR COOPERATION ON THIS MATTER AND I LOOK FORWARD TO HEARING FROM YOU . IF YOU HAVE ANY QUESTIONS FEEL FREE TO CONTACT ME AT:

ANGLE RIGHT LAND SURVEYING LLC
P.O. BOX 681

GRANTSVILLE, WV 26147

(304) 354-0065 (VOICE OR FAX)

(304) 354-9464 (VOICE OR FAX)

(304) 613-5040 (CELL AND VOICEMAIL)

YOUR RESPONSE WITHIN TO DAYS WOULD BE GREATLY APPRECIATED.

Lester L Detweiler Jr

SINCERELY,

16790 Peters Rd Mlddlefield OH 44062

and the second of the substitution of

TERRY A. SHREVE PS 1006

	_
IF YOU DO NOT FEEL THE NEED TO HAVE YOUR SIGN ON THE LINE BELOW AND RETURN TO THE	WATER WELL SAMPLED, PLEASE RECE ABOVE ADDRESS. THIS WILLOW!
SIGN ON THE LINE BELOW AND RETURN TO THE SIGNIFY THAT A WATER TEST HAS BEEN OFFERENCES.	D TO THE SURFACE OWNER ANDICE OF ( & Gas
HAS BEEN DECLINED.	SED of
V + DG F.	
Leslis & Weswelley	Environment and
·	
	rotectio

### **Directions to Haun Well**

- From exit 99 of I-79 proceed East on US Route 33 & 119 for approximately 10.5 miles
- Turn Right on County Route 7 (Brushy Fork Road) and follow for approximately 2.3 miles
- Turn Left on County Route 14 (Stoney Run Road) and follow for approximately 2.6 miles
- Turn right on State Route 20 and follow for approximately 9.0 miles
- Turn left on County Route 11 (Alexander Helvetia Road) and follow for approximately 9.2 miles
- Turn right on County Route 11/14 (Zion Selbyville Road) and follow for approximately 1.2 miles
- Continue straight ahead (to left) merging with County Route 44 and follow for 1.7 miles
- Turn left on existing driveway and follow for approximately 0.6 miles to Haun Well.

Surface Owner: Rollen B. McDaniels

Phone: 304-265-4253 – Home Phone: 304-265-5311 – Work

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Office of Oil & Gas

SEP 2 1 2012

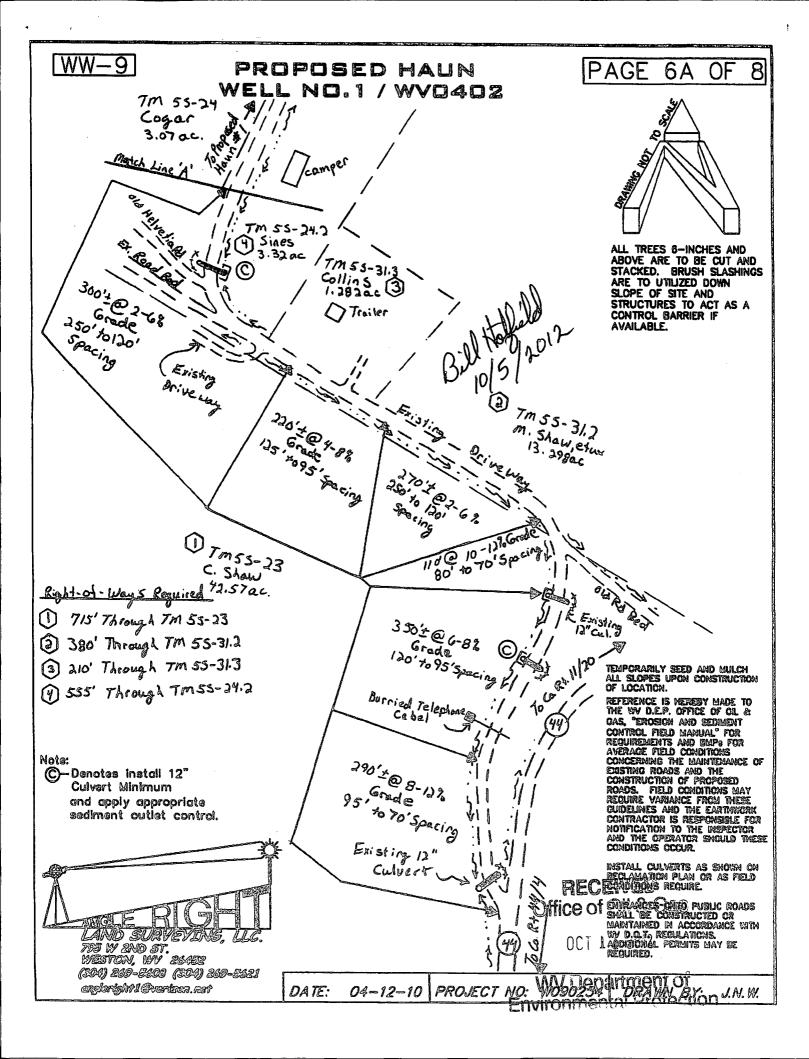
Page 4 of 8
API Number 47 - 097 - 03737
Operator's Well No. Haun #1

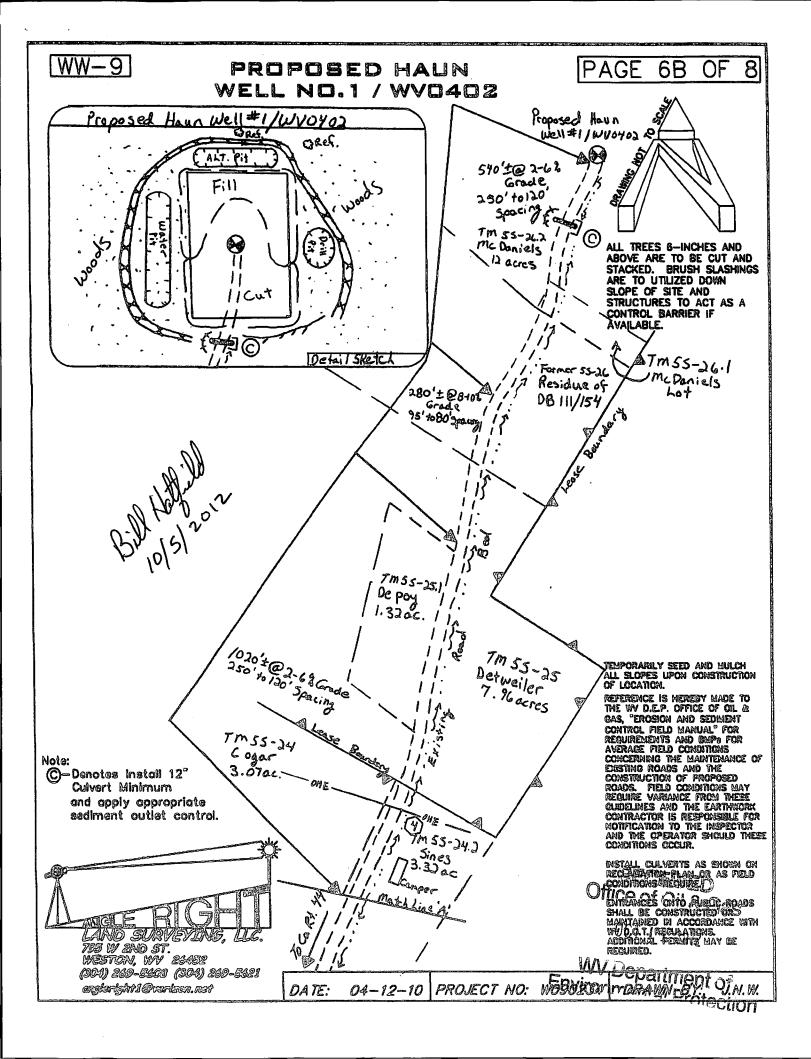
# STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

# CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Nar	neMountai	n V Oil & Ga	s, Inc	_ OP Code					
Watershed _	Tributary of	Alec Run		_ Quadrangle _	Rock Ca	ve 7.5'			
Elevation _	2368'	County	Upshur	District	Banks	····			
Description of	of anticipated Pit	Waste: Non	<u>e</u>						
Do you antic	ipate using more	than 5,000 bb	ls of water to o	complete the prope	osed well wo	rk? Yes No_	X		
Will a synthe	etic liner be used	in the pit? <u>N</u>	/ <u>A</u>	What ml.?_					
Proposed Dis	sposal Method Fo								
		and Applicati Underground	Injection (U	IC Permit Numbe	er	,		···	
	F	Reuse (at API	Number						
		Other (Expl	osal (Supply fo	orm WW-9 for dis	sposal location	on)			
Drilling Med	ium anticipated f	or this well?	Air, Freshwater	oil based, etc.				_	
-If o	oil based, what ty	pe? Synthetic,	petroleum, etc	·				<del>-</del> 	
Additives to	be used?	T	1 1011	1 00 1					
Drill cuttings	s disposal metod?	Leave in pit,	landfill, remov	red offsite, etc				<del></del>	
-Lar	ndfill or offsite na	me/permit nu	mber?	ii be used:					
		•						<u></u>	
enforceable baction.  I coall attachmer information i of fine or imp	by law. Violation of the control of	ons of any terr lty of law that lat, based on r and complete.	n or condition  I have person  ny inquiry of	ally examined and those individuals there are signi	ermit and/or I am familiar immediately ficant penalti	other applicable I with the informati responsible for ob	aw or regulation on submitted on totaining the information,	visions of the permit can lead to enforcem his application form a nation, I believe that including the possibil	ent and the
Company Of		President				-	PECEI	— Ved	
Subscribed a	nd sworn before	me this/	9th day	of Septem	nber		SEP 2 1	ii & Gas 2012	
	/					Envir	VV De⊜arti onmental	Protection	
My commiss	ion expires	2-15	-2618			_166661661161161161	OFFICIAL STATE OF WE NOTARY James D. / Buckhann My Commission Expire	. 3 0 1 0 1 3 1 1 0 3 0 0 1 0 3 0 0 0 0 0	•

L	EGEND	
Property Boundary	Diversion (C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.	سس
Road = = = = = = = = = = = = = = = = = = =	Spring	
Existing Fence — X — X — X —	Wet Spot	
Planned Fence///	Drain Pipe with size in inches (2	
Stream	Waterway $\longleftrightarrow$ $\longleftrightarrow$ $\longleftrightarrow$	<b>=</b> →
Open Ditch	Cross Drain	
Rock 635686	Artificial Filter Strip	XXXXX
North N	Pit: cut walls	
Buildings	Pit: compacted fill walls	
Water wells	Area for Land Application of Pit Waste	
Drill site		
Proposed Revegetation Treatment: Acres Disturbed 2.44	Prevegetation pH	
Lime3 Tons/acre or to correct to pH6.9	<u> </u>	
Fertilizer (10-20-20 or equivalent) // ton lbs/acre (	500 lbs minimum)	
Mulch Hay 2 Tons/acre		
Seed	d Mixtures	
Area I	Area II	
Seed Type lbs/acre	Seed Type lbs/acre	
Meadow Mix 40	Orchard Grass 15	
Alsike Clover 5	Alsike Clover 5	
Annual Rye 15		
Annual Rye 15		
Attach:	*	
Drawing(s) of road, location, pit and proposed area for land application	i.	
Photocopied section of involved 7.5' topographic sheet.		
Plan Approved by: Jamie Peterson Fr	B:11 1-1-+1-11	
Comments:		
Comments.	Office of Cil &	<b>)</b> 
		yas
Title: Environ Recover Analyti Date	SEP 2 1 2012	
Date	WVD-	
Field Reviewed? () Yes (	) No Environmental Pro-	Of
	Environmental Prote	ction





WW-9 PG. 7 OF 8 **HAUN** WELL No. 1 / WV0402 TOPO SECTION VVV DOT LEASE NAME **OPERATOR** ROCK EAVEGE negittaning tection ANGLE RIGHT LAND SURVEYING, LLC MOUNTAIN V OIL & GAS, INC. 795 W. 2ND 8T. WESTON, WV 26452 (304) 269-5608 104 HELIPORT ROAD 8CALE: DATE P.O. BOX 470 BRIDGEPORT, WV 26330 W090234 DATE .04/12/10 ...1"=2000"

## **COAL OPERATOR, OWNER, OR LESSEE WAIVER**

County <u>Upshur</u>		
Operator Mountain V Oil & Gas, Inc. Operator's Well Num	nber <b>H</b> a	nun #1
•		
INSTRUCTIONS TO COAL OPERATOR,	OWNER	, OR LESSEE
To the coal operator, owner, or lessee named on pagany objection you wish to make or are required to make by 0 the Chief of the Office of Oil and Gas within fifteen (15) dathe Office. Mail objections to:	ode 22-6	6-15, 16 or 17, must be filed with
Chief, Office of Oil and Gas Department of Environmental Protection 601 57 <sup>th</sup> St. SE Charleston, WV 25304 (304) 926-0499 extension 1654		
WAIVER		
The undersigned coal operator/ owner/ location has examined this proposed well location. If a mine location, the well location has been added to the mine map. work proposed to be done at this location, provided, the applicable requirements of the West Virginia Code and the grant proposed to be done at the second code and the grant proposed to be done at this location.	map exist The und ne well of	sts which covers the area of well ersigned has no objection to the operator has complied with all
Same Company Date 3-26-12 Name		JTION BY A CORPORATION, ETC.
Signature By		Date
revue gracer is		Date
	Signature	Date
	•	

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Office of Oil & Gas

SEP 2 1 2012

### **SURFACE OWNER WAIVER**

County	Upshur	Operator	Mountain V Oil & Gas, Inc.
		Operator well number	Haun #1

### **INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A**

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas Department of Environmental Protection 601 57<sup>th</sup> St. SE Charleston, WV 25304 (304) 926-0450

<u>Time Limits and methods for filing comments.</u> The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

<u>Comments must be in writing.</u> Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

<u>List of Water Testing Laboratories.</u> The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

### **VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through \_\_\_\_ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

a permit being issued on those materials.				
FOR EXECUTION BY A NATURAL PERSON		FC	OR EXECUTION BY A CORPORATION, ETC.	
1.10	2/20/	Company	MECEIVED	
ームハー	Date 3/29/12	Name	Office of Oil & Gas	
Signature		By _	31 57 CaS	
		lts _	SED 9 1 2012 Date	
			T. A I COIL	
Jurget L. Pollins	_	_	MANA	
Print Name			Signature WV DepartmenPale Environmental Protection	
			Environmental Protection	
			- Jule Cilon	

## COAL OPERATOR, OWNER, OR LESSEE WAIVER

County <u>Upshur</u>			
Operator Mountain V Oil & Gas, Inc. Operator's V	Well Number	Haun #1	
INSTRUCTIONS TO COAL OPER	RATOR, OWN	ER, OR LESSEE	
To the coal operator, owner, or lessee name any objection you wish to make or are required to m the Chief of the Office of Oil and Gas within fifteen the Office. Mail objections to:	ake by Code 2	22-6-15, 16 or 17, must be filed v	with
Chief, Office of Oil and Gas Department of Environmental Protection 601 57 <sup>th</sup> St. SE Charleston, WV 25304 (304) 926-0499 extension 1654			
WAIV	'ER		
The undersigned coal operator/ owner location has examined this proposed well location. location, the well location has been added to the min work proposed to be done at this location, propapplicable requirements of the West Virginia Code at	If a mine map ne map. The willing the we	exists which covers the area of vundersigned has no objection to ell operator has complied with	well the
FOR EXECUTION BY A NATURAL PERSON  Date 3/29/12	Company Name	ECUTION BY A CORPORATION, ETC	<b>)</b> .
Signature	By	Date	
	Signa	ture Date	

RECEIVED Office of Oil & Gas

SEP 2 I 2012

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			as of ection
NDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDED, COMPLETE THE SECTION	COMPLETE THIS SECTION ON DELLIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.  Article Addressed to:  Rollen B. McDaniels 347 West Main Street	A. Signature  X Surana am Manus Addressee  B. Received by (Printed Name)  D. Is delivery address different from item 1? Yes  If YES, enter delivery address below:	SENDER: COMPLETE THIS SECTION  Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  Print your name and address on the reverse so that we can return the card to you.  Attach this card to the back of the mailpiece, or on the front if space permits.  1. Article Addressed to:  Michael Shaw HC 78 Box 134-A	A Signature Agent Addressee  B. Reserve by (Printed Name) D. Date of Delivery  D. Is delivery address different from item ? Des  If YES, enter delivery address below.
Grafton, WV 26354	3. Service Type  Certified Mail Registered Insured Mail C.O.D.  4. Restricted Delivery? (Extra Fee)  Texpress Mall C.O.D.	Rock Cave, WV 26234	3. Service Type Certified Mail Registered Insured Mail C.O.D.  4. Restricted Delivery? (Extra Fee)  Yes
Article Number (Transfer from service label)  7009 1680		Haun D Well Notice  2. Article Number  (Transfer from service label) 7009 1680	
Form 3811, February 2004 Domestic Ref	turn Receipt 102595-02-M-1540		sturn Receipt 102595-02-M-154
NDED, COMPLETE THE CENTRAL	COMPLETE THIS SECTION ON DELIVERY	OF VIDED	NACIOLETE TOO SERVICE ON DELIVERY
NDER: COMPLETE THIS SECTION  Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery Is desired.  Print your name and address on the reverse so that we can return the card to you.  Attach this card to the back of the malipiece, or on the front if space permits.	A. Signature  X	<ul> <li>SENDER: COMPLETE THIS SECTION</li> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  X. M. Cuttle G. March Addressee  B. Received by (Printed Name)  C. Date of Delivery  D. Is delivery address different from item 1?   Yes
Walter Depoy RR 2 Box 104 Adrian, WV 26210	If YES, enter delivery address below:	1. Article Addressed to:  Lester L. Detweiler, Sr. 16790 Peters Road Middlefield, OH 44062	If YES, enter delivery address below: No
1	3. Service Type  Certified Mail		3. Seryice Type  Certified Mail Registered Insured Mail C.O.D.  Restricted Delivery? (Extra Fee)  Yes
Article Number Transfer from service label) 7009: 168	0 0001 5837 9512	2. Article Number (Transfer from service label) 7009 1680	0001 5837 9529

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			<b>9</b> 6 8 6 6
ENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  Print your name and address on the reverse so that we can return the card to you.  Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature  X	<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  A. Agent  Addressee  B. Received by (Printed Nantal)  C. Date of Delivery  3 34 12
Article Addressed to:  James Haun PO Box 127	D. Is delivery address different from Item 1?  If YES, enter delivery address below:  No	Junior L. Collins HC 78 Box 133	D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No
Carolina, WV 26563-0127	3. Service Type  Crettified Mail	Rock Cave, WV 26234	3. Service Type  Cr Certifled Mail  Registered  Refum Receipt for Merchandise  Cr Insured Mail  Cr Co.D.
aun D Well Notice	4. Restricted Delivery? (Extra Fee)	Haun D Well Notice	4. Restricted Delivery? (Extra Fee)
Article Number- (Transfer from service label) 7009 146	0 0001 5837 9567	2. Article Number (Transfer from service label) 7009 1680	0001 5837 9550
Form 3811, February 2004 Domestic Ref	turn Receipt 102595-02-M-1540	PS Form 3811, February 2004 Domestic Ret	um Receipt 102595-02-M-154
•			
ENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	SENDER: COMPLETE THIS SECTION	COMPLÉTE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	A Signature  A Signature  A Signature  A Signature  A Signature  A Agent  Addressee  B Received by (Printed Narrie)  C. Date of Delivery  3 2 17	<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery Is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  A. Grand G
Article Addressed to:	D. is delivery address different from item 1? Yes If YES, enter delivery address below:	Article Addressed to:	D. Is delivery address different from item 1? Ges If YES, enter delivery address below: No
Clifton L. Shaw HC 78 Box 132 Rock Cave, WV 26234		Rachel Sines RT 2 Box 74-1	
	3. Service Type  ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.	French Creek, WV 26218	3. Service Type  Certifled Mail  Registered Insured Mail  C.O.D.
laun D. Well Notice	4. Restricted Delivery? (Extra Fee) Yes	Houn D Well Notice	4. Restricted Delivery? (Extra Fee)
Article Number (Transfer from service label) 7009 1680	) DDD1 5837 9536	2. Article Number (Transfer from service label) 7009 1680	0001 5837 9574

Operate	or: M	OUNTAIN V OIL & GAS, IN API: 9703737
WELL	No:	HAUN 1
Reviev	•	· · · · · · · · · · · · · · · · · · ·
15 Day	End	of Comment: 15/6/12
		CHECKLIST FOR FILING A PERMIT
		Brine Disposal Convert
	X	WW-2B
	$\mathbf{X}$	Inspector signature on WW-2B
	X	WW-2A (Notarized)
	$\mathbf{X}$	Certified Mail Receipts, Waivers, or Affidavits of Personal Service
		Surface Owner Waiver
		Coal Owner / Lessee /Operator Waiver
	X	WW-2A-1 (Signed) Showing Book/Page Number and Royalty Percentage
	X	WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
	X	WW-9 (Page 1 & 2) (Notarized)
		More than 5,000 bbls
本	X	Inspector Signature on WW-9
	X	Reclamation plan
	X	Topographic Map of location of well
<b>→</b>	X	Mylar Plat (Signed and Sealed) (Surface owner on plat matches WW-2A)
		Bond  Commencia Resistant desirbate SOS
		Company is Registered with the SOS
		Worker's Compensation / Unemployment Insurance account is OK
		\$650.00 check (\$550.00 if no pit)
		Mine Data
		Addendum
		Flow Distance to Nearest Intake
		Horizontal Rule Series 8 Effective August 30, 2011-Well Sites Greater Than 3 Acres
		Erosion and Sediment Control Plan
		Site Construction Plan
		Well Site Safety Plan
		Water Management Plan (Plan to withdraw 210,000 gallons or more during any one month period)
		Within a Municipality
		Class I Legal Advertisement in Newspaper for first permit on well pad
		Professional Engineer/Company has COA

DNR
-Lot James Andrews
a missage
10/24/12
-Issue Will Work
when received